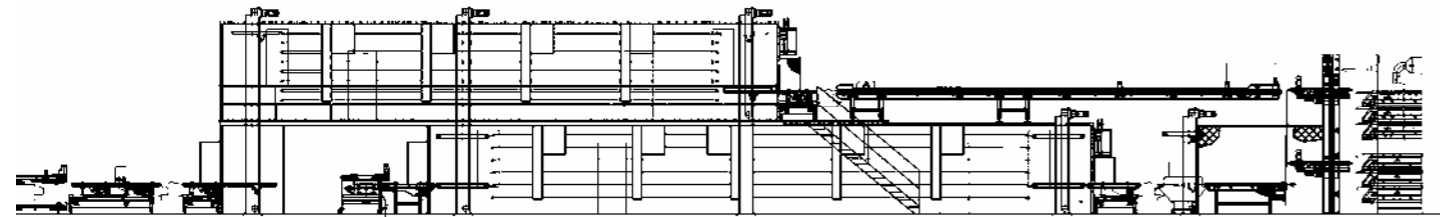


**Take a decisive step -
talk to Werner & Pfleiderer.**

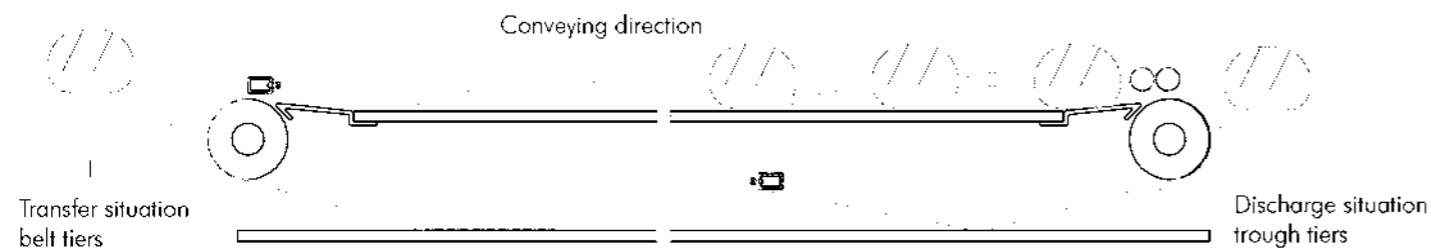
*Your idea - our technology -
That fits.*

**Final proofing systems
from WP**

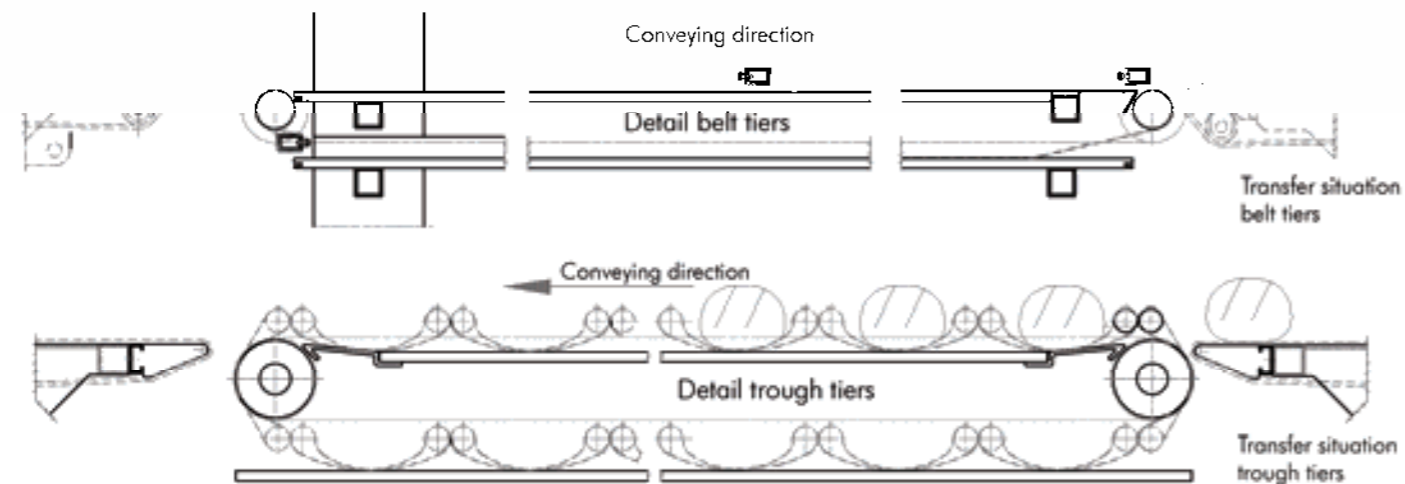
**BGK-E
BGK-M**



3 Example of a BGK-M in double level execution



4 Detail combined tier system, alternatively troughs or even fabric as insert



5 Detail belt tiers/trough tiers



Intelligent system concepts.

Application areas

The BGK systems are especially suited for the following products:

- Flat bread
- Pre-product for breadcrumbs
- Pitta
- Pizza
- Oven bottom rolls/buns
- Rolls/buns on trays
- Oven bottom loaves
- Oven bottom sticks
(Sliced wheat and wheat mixed bread)

Executions

- One-level (BGK-E) – box on floor
- Multi-level (BGK-M) - box or on intermediate platform

Features

- Frame construction in stainless steel
- Closed sections
- Belt types individually to customer requirements
- Circulation climate control
- Separated climate zones controlled by sluices possible (according to technological requirements, proofing resp. stiffen)
- Insulation panelling in sandwich construction according to necessary fire regulations
- Standardized components
- PLC control
- Cleaning, stripper (for dough carrier conveying system with brushes, to wash at regular intervals, BGK-E brush)
- Continuous belt (BGK-E)
- Maintenance corridor (BGK-E), min. one-sided
- Belt tracking (BGK-E)
- Continuously running (BGK-E)
- Intermittently running (BGK-M)
- Dough carrier conveying system (BGK-M)
- Single belts per loading step (BGK-M), easy to change
- Accessible on both sides, illuminated, possibly with platform (BGK-M)

Options

- Belt drying at return section (BGK-E)
- Hinged transfer bridge (BGK-E)
- Cloth carrier inserts (BGK-M)
- Reloader (BGK-M)

Carrier

- Plastic belt (BGK-E)
- Plastic link belt, continuous, for BGK-E and BGK-M
- Fabric belt, continuous (felt belt, cotton belt, etc.) for BGK-E and BGK-M
- Even fabric (BGK-M)
- Cloth carriers (BGK-M)
- Peelboard (BGK-M)



Loader

- BGK-E
 - Transfer belts
 - Depositing belts
 - V-belts
- BGK-M
 - Elevator (outside or inside positionable)
 - Retracting belt
 - V-belts
 - Group table

Unloader

- Transfer bridge (BGK-E)
- Elevator (outside or inside positionable) for BGK-M

Circulation climate control

- Heating via
 - Warm water
 - Low pressure saturated steam; 0,2 – 0,5 bar pressure above atmospheric (105 – 113°C)
 - Electrical heater coils
 - Gas burner

- Cooling with
 - Cold water
 - Direct heat exchanger
 - Humidity via low pressure saturated steam

Advantages

- Easy control (little sensors and actuators)
- High standard of hygiene through closed sections
- Low maintenance
- Mono system (one product, one proofing time) BGK-E
- Variable system, also for small batches (BGK-M)
- Different proofing times possible (BGK-M)
- Space saving (compact design) (BGK-M)
- Multiple products simultaneously producible (BGK-M)
- Easy belt change (BGK-M)
- No belt tracking necessary (BGK-M)
- High plant availability (BGK-M)

Individual system solutions.



1 Example of a BGK-M

2 Example of a BGK-E

